

INTERNATIONAL SEARCH REPORT

International Application No

/EP2004/007782

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B60H1/32 B60H3/02 F24F5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60H F24F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 984 434 A (HOWELL JOHN R ET AL) 15 January 1991 (1991-01-15) the whole document	1
A	US 6 539 728 B2 (KORIN AMOS) 1 April 2003 (2003-04-01)	
A	US 5 421 169 A (BENEDICT OLUSEGUN O) 6 June 1995 (1995-06-06)	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

15 November 2004

Date of mailing of the international search report

23/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Marangoni, G

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/EP2004/007782

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4984434	A	15-01-1991	US 4941324 A	17-07-1990
US 6539728	B2	27-06-2002	US 2002078696 A1	27-06-2002
			US 2002096312 A1	25-07-2002
US 5421169	A	06-06-1995	FR 2697210 A1	29-04-1994
			DE 69320142 D1	10-09-1998
			DE 69320142 T2	10-12-1998
			EP 0595714 A1	04-05-1994
			JP 3433986 B2	04-08-2003
			JP 6219150 A	09-08-1994